

TOP SECRET

25X

(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Attachment to

3 August 1967

Page 1

Copy 69

REFERENCE TO: Mission 1042, ROCKET MOTOR FACILITIES
LENINGRAD AREA, USSR

1. SIGNIFICANCE: INDICATIONS OF ROCKET MOTOR R & D AND TESTING.
2. LOCATION:
AREA 1, 23 NM NE OF LENINGRAD
AREA 2, 20 NM NE OF LENINGRAD
AREA 3, 10 NM NE OF LENINGRAD
NEW PLANT, IMMEDIATELY NORTH OF PETROKREPOST.
3. REMARKS:
AS EARLY AS JUNE 1964 (CIA/PID PROJECT C-832-64)
THERE HAS BEEN INTEREST IN THE POSSIBLE ROCKET
TEST AREAS NEAR LENINGRAD. HOWEVER PHOTOGRAPHIC
COVERAGE AND QUALITY HAS PRECLUDED ANY DETAILED
ANALYSIS OF THESE FACILITIES. EVIDENCE OF TEST
FIRINGS HAVE BEEN NOTED AS EARLY AS MARCH 1964
WITH A HIGH RATE OF ACTIVITY BEING OBSERVED ON
THIS MISSION. PRIOR TO THIS MISSION THE PETRO-
KREPOST FACILITY HAS BEEN KNOWN AS PRODUCING
ONLY COMMERCIAL TYPE EXPLOSIVES, IE., SAFETY
FUSES, MINING GRADE EXPLOSIVES.

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Collateral Support Division, NPIC.

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET

25X

Page Denied

TOP SECRET

25X

(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Attachment to [REDACTED]
3 August 1967

25X

25X

5. FIRST IDENTIFICATION:

25X

6. NEGATION DATE:

ALL AREAS -- NONE.

7. SUBSEQUENT COVERAGE:

AREA 1: 14 KH-4 AND 2 KH-7 MISSIONS

AREA 2: 14 KH-4 AND 1 KH-7 MISSIONS

AREA 3: 18 KH-4 AND 1 KH-7 MISSIONS

NEW PLANT: 27 KH-4 AND 1 KH-7 MISSIONS

8. DIMENSIONS/
SPECIFICATIONS:

AREA 1: BLAST MARKS - 510 FT
480 FT

AREA 2: BLAST MARKS - 630 FT
570 FT

AREA 3: BLAST MARKS - 295 FT, 630 FT
350 FT, 220 FT

9. MISSION READOUT:

LENINGRAD SOLID PROPL RKT MTR TEST SITE, AREA 1

THE PRESENCE OF 2 LARGE LIGHT-TONED BLAST MARKS

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Collateral Support Division, NPIC.

25X

TOP SECRET

TOP SECRET

25X

(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Attachment to

3 August 1967

Page 4

AT THE U-SHAPED REVETMENTS CONFIRMS THE REVETMENTS AS SOLID PROPELLANT HORIZONTAL TEST POSITIONS. THE BLAST MARK ON THE EAST SIDE IS 510 FT LONG AND THE ONE ON THE WEST SIDE IS 480 FT LONG. THE 3 REMAINING IDENTICAL U-SHAPED REVETMENTS ARE CONFIRMED AS SMALL MOTOR TEST POSITIONS. THIS FACILITY IS CONFIRMED AS A SOLID PROPELLANT TEST SITE.

LENINGRAD SOLID MOTOR TEST FACILITY, AREA 2

TWO LARGE LIGHT-TONED BLAST MARKS AND ONE PROBABLE BLAST MARK INDICATE A CONTINUING HIGH DEGREE OF TEST ACTIVITY. THE MORE NORTHERLY BLAST MARK MEASURES 630 FT LONG WHILE THE MORE SOUTHERLY BLAST MARK MEASURES 570 FT LONG.

LENINGRAD SOLID PROPL RKT MTR TEST SITE, AREA 3

THE PRESENCE OF LIGHT-TONED BLAST MARKS AT ALL 4 OF THE PREVIOUSLY IDENTIFIED PROBABLE SOLID PROPELLANT HORIZONTAL TEST CELLS CONFIRMS THESE POSITIONS AS SOLID PROPELLANT HORIZONTAL TEST CELLS. THE BLAST MARKS, STARTING AT THE NE TEST CELL AND GOING SW ARE 295 FT, 630 FT, 350 FT, AND 220 FT IN LENGTH RESPECTIVELY. THIS FACILITY IS NOT ENGAGED IN THE PROCESSING/PRODUCTION OF ROCKET MOTORS. THE AREA PREVIOUSLY REPORTED AS A PROCESSING AREA CONTAINS 8 REVETTED BUILDINGS PROBABLY USED FOR THE INSPECTION OF ROCKET MOTORS PRIOR TO AND AFTER TEST FIRINGS. FOUR UNPROTECTED BUILDINGS, PROBABLY SUPPORT STRUCTURES, ARE SE OF THE INSPECTION AREA.

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Collateral Support Division, NPIC.

TOP SECRET

25X

TOP SECRET

25X

(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Attachment to

3 August 1967

Page 5

25X

PETROKREPOST PROB ROCKET MOTOR R & D PLT

THIS PLANT WAS FORMERLY REPORTED AS PETROKREPOST EXPLOSIVES PLANT MOROZOV, RATHER THAN A MOTOR R & D AND PROTOTYPE PRODUCTION FACILITY.

IT CONTAINS AT LEAST 9 REVETTED PROBABLE PROPELLANT HANDLING FACILITIES, SEVERAL OF WHICH HAVE THE SIZE AND CONFIGURATION OF ROCKET MOTOR PROPELLANT MIXING AND CASTING BUILDINGS. THERE IS ONE VERY LARGE STRUCTURE WHICH IS PROBABLY A DOUBLE-BASE PROPELLANT PREPARATION FACILITY.

A SMALL POSSIBLE ROCKET MOTOR TEST FACILITY IS IN A SEPARATELY SECURED AREA NORTH OF THE PLANT. AN ADDITIONAL POSSIBLE TEST FACILITY IS IMMEDIATELY EAST OF THE PLANT. THE PLANT ALSO CONTAINS A HEAT AND POWER-PLANT AND NUMEROUS SUPPORT BUILDINGS, SEVERAL OF WHICH SUGGEST AN ASSEMBLY/INSPECTION FUNCTION. TWO APPARENTLY ABANDONED EXPLOSIVES/MUNITIONS STORAGE AREAS ARE NORTH OF THE PLANT. THERE HAS BEEN SIGNIFICANT CONSTRUCTION ACTIVITY IN THE PLANT DURING THE 1966-67 PERIOD.

25X

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Collateral Support Division, NPIC.

TOP SECRET

25X

TOP SECRET



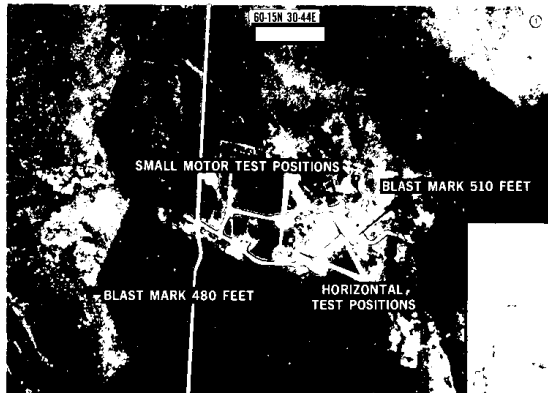
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Approved For Release 2006/11/08 : CIA-RDP78T05929A002700060001-5

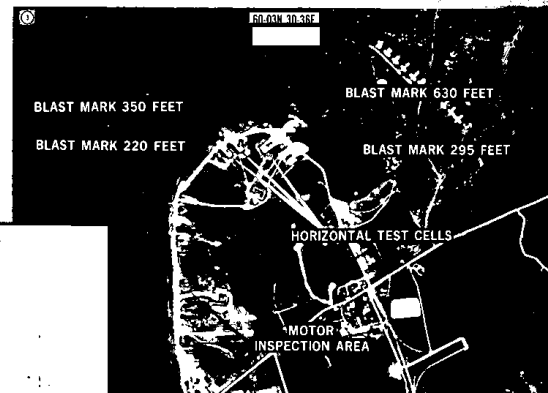
ROCKET MOTOR FACILITIES

LENINGRAD AREA, USSR

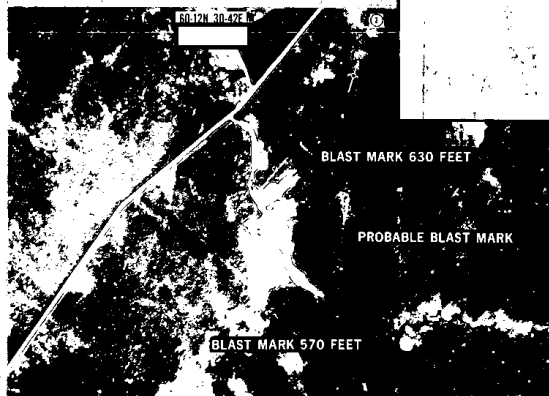
LENINGRAD SOLID PROPELLANT ROCKET MOTOR TEST SITE



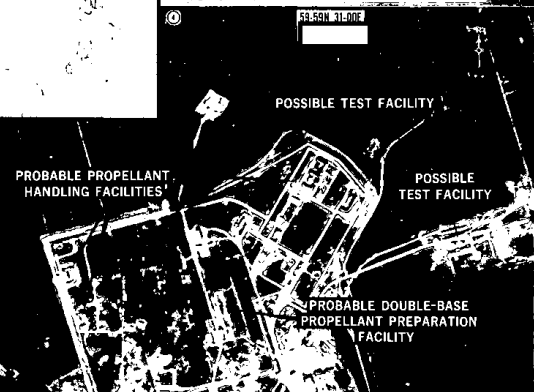
LENINGRAD SOLID PROPELLANT ROCKET MOTOR TEST SITE



LENINGRAD SOLID MOTOR TEST FACILITY



PETROKREPOST PROBABLE ROCKET MOTOR R&D PLANT



ALL ENLARGEMENTS 40X

BEST APPROX

TOP SECRET

SEE REVERSE SIDE FOR COPY NUMBER

REPRODUCTION OF THIS DOCUMENT IN
WHOLE OR IN PART IS PROHIBITED
EXCEPT WITH THE PERMISSION OF THE
OFFICE OF ORIGIN.

978-W

COPY 83